

Soil and Humus	
	Bulk density (g cm-2)
	Mineral soil texture class (% sand:silt:clay)
	Water holding capacity
	Soil Organic C:N:P content
	pH
	Soil respiration
	N cycling (N-min, nitr, denitr) rates
	Soil temp at 15 cm
	Soil temp profile
	Soil moisture profile
Litter	
	quantity
	decomposition
	quality
Atmospheric Concentrations	
	co2
	ch4
	co
	n2o
	no
	voc
Hydrology	
	runoff
	POC
	DOC
	river flow direction
	Inundation (+/-)
Isotopes	
	C
	O
	H
	N

Moore #2 (New Model)						Potter						Richey							
Input			Output			Input			Output			Input			Output			Input	
Time	Space	Source	Time	Space	Source	Time	Space	Source	Time	Space	Source	Time	Space	Source	Time	Space	Source	Time	
									1 km	GIS									
monthly	1 degree	islscp				month; y	8 km	GIS					5.5 km	GIS, RS					
6hrly/m	1 degree	islscp				month; y	8 km	GIS					5.5 km	RS					
6hrly/m	1 degree	islscp											5.5 km	RS					
3hrly/m	1 degree	islscp				month; y	8 km	GIS					5.5 km	RS				daily	
																		hourly	
			minutes	1 degree	model				daily	8 km	model						5.5 km	model	hourly
			minutes	1 degree	model				daily	8 km	model						5.5 km	model	hourly
			minutes	1 degree	model													hourly	
			minutes	1 degree	model				daily	8 km	model						5.5 km	model	
									daily	8 km	model						5.5 km	model	
			minutes	1 degree	model														
			minutes	1 degree	model				GIS	yearly	8 km	model		5.5 km	RS				
			minutes	1 degree	model				yearly	8 km	model								
			minutes	1 degree	model														
			minutes	1 degree	model														
			minutes	1 degree	model														
			minutes	1 degree	model														
			minutes	1 degree	model													month	
			minutes	1 degree	model														
			minutes	1 degree	model														hourly
						month; y	1 km	RS					5.5 km	RS					
			minutes	1 degree	model	month; y	1 km	RS					5.5 km	RS					

1 degree	islscp					1 km	GIS									month
1 degree	islscp					1 km	GIS									
1 degree	islscp					1 km	GIS									
		minutes	1 degree with sub-grid s		1 km	GIS										
					1 km	GIS										y
		minutes	1 degree	model			daily	8 km	model					5.5 km	model	y
		minutes	1 degree with su	daily										y	river	y
monthly	1 degree	islscp					daily	8 km	model					5.5 km	model	y
							daily	8 km	model					5.5 km	model	
		minutes	1 deg.	w/sub-grid				month;y	8 km	model						
		minutes	1 deg.	w/sub-grid			daily	8 km	model							
		minutes	1 deg.	w/sub-grid			month;y	8 km	model							
														y		
														y		
														y		
		minutes	1 deg.	w/sub-grid							y			y		
		minutes	1 deg.	w/sub-grid							y			y		
		minutes	1 deg.	w/sub-grid							y			y		
											y			amazon basin		
											y					
											y					
														y		

